

## CLAIMS

1 1. A method of reporting availability of a plurality of servers, said method comprising  
2 the steps of:  
3 for each of said plurality of servers, periodically searching a log file for indication of a  
4 crash or shutdown or start;  
5 computing the time said crash or shutdown or start occurred;  
6 sending said time and indication as an e-mail to a database on a server;  
7 calculating the duration of downtime for each said crash or said shutdown;  
8 for each server, sorting said e-mail by order received; and  
9 displaying for each of said plurality of servers, said duration of downtime in said  
10 order.

1 2. A method according to Claim 1, wherein:  
2 the sending step includes the step of sending said e-mail to a database on a pre-  
3 identified one server; and  
4 the sorting step includes the step of sorting said e-mail by order received by said pre-  
5 identified one server.

1 3. A method according to Claim 1, wherein:  
2 each of the plurality of servers includes an e-mail function; and  
3 the sending step includes the step of, each server using its e-mail function to send the  
4 time and indication to said database.

1 4. A method according to claim 1, wherein:  
2 the sending step includes the step of sending said e-mail to a database on a pre-  
3 identified one server; and  
4 the displaying step includes the step of, said one server, issuing a report showing said  
5 durations of downtimes.

1 5. A method according to Claim 1, wherein:  
 2 the searching step includes the step of, each of said plurality of servers, searching a log  
 3 file on said each server for said indication; and  
 4 the computing step includes the step of each of said plurality of servers computing the  
 5 time said crash or shutdown or start of said each server occurred.

1 6. A system for reporting availability of a plurality of servers, said method  
 2 comprising:  
 3 means for periodically searching, for each of said plurality of servers, a log file for  
 4 indication of a crash or shutdown or start;  
 5 means for computing the time said crash or shutdown or start occurred;  
 1 means for sending said time and indication as an e-mail to a database on a server;  
 2 means for calculating the duration of downtime for each said crash or said shutdown;  
 3 means for sorting, for each server, said e-mail by order received; and  
 4 a display means for displaying for each of said plurality of servers, said duration of  
 5 downtime in said order.

1 7. A system according to Claim 6, wherein:  
 2 the sending means includes means for sending said e-mail to a database on a pre-  
 3 identified one server; and  
 4 the sorting means includes means for sorting said e-mail by order received by said pre-  
 5 identified one server.

1 8. A system according to Claim 6, wherein:  
 2 each of the plurality of servers includes an e-mail function; and  
 3 each server using its e-mail function to send the time and indication to said database.

1 9. A system according to claim 6, wherein:  
 2 said e-mail is sent to a database on a pre-identified one server; and

3 said one server includes means for issuing a report showing said durations of  
4 downtimes.

1 10. A system according to Claim 6, wherein:  
2 the searching means includes means, on each of said plurality of servers, for searching  
3 a log file on said each server for said indication; and  
4 the computing means includes means on each of said plurality of servers, for  
5 computing the time said crash or shutdown or start of said each server occurred.

1 11. A program storage device readable by machine, tangibly embodying a program of  
2 instructions executable by the machine to perform method steps for reporting  
3 availability of a plurality of servers, said method steps comprising:  
4 for each of said plurality of servers, periodically searching a log file for indication of a  
5 crash or shutdown or start;  
6 computing the time said crash or shutdown or start occurred;  
7 sending said time and indication as an e-mail to a database on a server;  
8 calculating the duration of downtime for each said crash or said shutdown;  
9 for each server, sorting said e-mail by order received; and  
10 displaying for each of said plurality of servers, said duration of downtime in said  
11 order.

1 12. A program storage device according to Claim 11, wherein:  
2 the sending step includes the step of sending said e-mail to a database on a pre-  
3 identified one server; and  
4 the sorting step includes the step of sorting said e-mail by order received by said pre-  
5 identified one server.

1 13. A program storage device according to Claim 11, wherein:  
2 each of the plurality of servers includes an e-mail function; and



- 1 17. A method according to Claim 16, wherein the group of conditions includes a crash
- 2 of the server, a shutdown of the server, and a start of the server.

0929005-062904  
T062900-500/6290